



NUCLEAR REGULATORY COMMISSION

[Docket No. 11006549; NRC-2023-0024]

Eastern Technologies, Inc.

AGENCY: Nuclear Regulatory Commission.

ACTION: Export license application; opportunity to provide comments, request a hearing, and petition for leave to intervene.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) received and is considering issuing an export license (XW031), requested by Eastern Technologies, Inc. (ETI) by application dated November 28, 2022. The application seeks the NRC's approval to return residual radioactive waste to the Barakah Nuclear Power Plant in the United Arab Emirates (UAE) after treatment at an ETI facility in Ashford, Alabama. The NRC is providing notice of the opportunity to comment, request a hearing, and petition to intervene on ETI's application.

DATES: Submit comments by [INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER]. A request for a hearing or petition for leave to intervene must be filed by [INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: You may submit comments by any of the following methods; however, the NRC encourages electronic comment submission through the **Federal rulemaking website**:

- **Federal rulemaking website:** Go to <https://www.regulations.gov> and search for Docket ID **NRC-2023-0024**. Address questions about Docket IDs in Regulations.gov to Stacy Schumann; telephone: 301-415-0624; email: Stacy.Schumann@nrc.gov. For technical questions contact the individual listed in the "For Further Information Contact" section of this document.

- **Email comments to:** Hearing.Docket@nrc.gov. If you do not receive an automatic email reply confirming receipt, then contact us at 301-415-1677.

- **Fax comments to:** Secretary, U.S. Nuclear Regulatory Commission at 301-415-1101.

- **Mail comments to:** Secretary, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, ATTN: Rulemakings and Adjudications Staff.

For additional direction on obtaining information and submitting comments, see “Obtaining Information and Submitting Comments” in the SUPPLEMENTARY INFORMATION section of this document.

FOR FURTHER INFORMATION CONTACT: Andrea Jones, Office of International Programs, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 404-997-4443, email: Andrea.Jones2@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Obtaining Information and Submitting Comments

A. Obtaining Information

Please refer to **NRC-2023-0024** or **Docket No. 11006549** when contacting the NRC about the availability of information for this action. You may obtain publicly available information related to this action by the following methods:

- **Federal Rulemaking Website:** Go to <https://www.regulations.gov> and search for Docket ID **NRC-2023-0024**.

- **NRC’s Agencywide Documents Access and Management System (ADAMS):** You may obtain publicly available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select “Begin Web-based ADAMS Search.” For problems with ADAMS, please contact the NRC’s Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to PDR.Resource@nrc.gov. The export license application is available in ADAMS under Accession No. ML23005A300.

- **NRC's PDR:** You may examine and purchase copies of public documents, by appointment, at the NRC's PDR, Room P1 B35, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852. To make an appointment to visit the PDR, please send an email to PDR.Resource@nrc.gov or call 1-800-397-4209 or 301-415-4737, between 8 a.m. and 4 p.m. eastern time (ET), Monday through Friday, except Federal holidays.

B. Submitting Comments

The NRC encourages electronic comment submission through the **Federal rulemaking website** (<https://www.regulations.gov>). Please include **NRC-2023-0024** or **Docket No. 11006549** in your comment submission.

The NRC cautions you not to include identifying or contact information that you do not want to be publicly disclosed in your comment submission. The NRC will post all comment submissions at <https://www.regulations.gov> as well as enter the comment submissions into ADAMS. The NRC does not routinely edit comment submissions to remove identifying or contact information.

If you are requesting or aggregating comments from other persons for submission to the NRC, then you should inform those persons not to include identifying or contact information that they do not want to be publicly disclosed in their comment submission. Your request should state that the NRC does not routinely edit comment submissions to remove such information before making the comment submissions available to the public or entering the comment into ADAMS.

II. Discussion

On November 28, 2022, ETI submitted an application to the NRC for a license to export radioactive waste. ETI states that it has entered into commercial agreements with the Barakah Nuclear Power Plant in the UAE to provide dissolvable protective clothing and related products. Following their use, contaminated dissolvable protective clothing and other related items will be transported to ETI for dissolving and decontamination at the ETI facility located in Ashford, Alabama, which is licensed by the

state of Alabama. ETI seeks a specific license from the NRC to export residual radioactive waste to the generator in UAE. Resultant contaminants to be exported will include cobalt-60 (Co-60), cobalt-58 (Co-58), and manganese-54 (Mn-54) in the form of solid particulate metal oxides, not to exceed 0.0037 TBq. ETI requests an expiration date of December 31, 2028.

In accordance with section 110.70 paragraph (b) of title 10 of the *Code of Federal Regulations* (10 CFR), the NRC is providing notice of the receipt of the application; providing the opportunity to submit written comments concerning the application; and providing the opportunity to request a hearing or petition for leave to intervene, for a period of 30 days after publication of this notice in the *Federal Register*.

A hearing request or petition for leave to intervene must include the information specified in 10 CFR 110.82(b). Any request for hearing or petition for leave to intervene shall be served by the requestor or petitioner in accordance with 10 CFR 110.89(a), either by delivery, by mail, or filed with the NRC electronically in accordance with the NRC's E-Filing rule (72 FR 49139; August 28, 2007, as amended at 77 FR 46562; August 3, 2012). Detailed guidance on electronic submissions is located in the "Guidance for Electronic Submissions to the NRC" (ADAMS Accession No. ML13031A056) and on the NRC's public website at <https://www.nrc.gov/site-help/e-submittals.html>.

To comply with the procedural requirements of E-Filing, at least 10 days prior to the filing deadline, the participant should contact the Office of the Secretary by email at Hearing.Docket@nrc.gov, or by telephone at 301-415-1677, to (1) request a digital identification (ID) certificate, which allows the participant (or its counsel or representative) to digitally sign submissions and access the E-Filing system for any proceeding in which it is participating; and (2) advise the Secretary that the participant will be submitting a petition or other adjudicatory document (even in instances in which the participant, or its counsel or representative, already holds an NRC issued digital ID certificate). Based upon this information, the Secretary will establish an electronic

docket for the hearing in this proceeding if the Secretary has not already established an electronic docket.

The information concerning this application for an export license is as follows.

NRC Export License Application

| Application Information | |
|--------------------------------|--|
| Name of Applicant | Eastern Technologies, Inc. (ETI) |
| Date of Application | November 28, 2022 |
| Date Received | January 3, 2023 |
| Application No. | XW031 |
| Docket No. | 11006549 |
| ADAMS Accession No. | ML23005A300 |
| Description of Material | |
| Material Type | Low-level radioactive waste in the form of small, solid particulate metal oxides consisting of cobalt-60, cobalt-58, and manganese-54 resulting from the decontamination of dissolvable protective clothing and other related items. |
| Total Quantity | Not to exceed 0.0037 TBq per shipment. |
| End Use | Storage and ultimate disposal of low-level radioactive waste. |
| Country of Destination | United Arab Emirates |

Dated: January 30, 2023.

For the Nuclear Regulatory Commission.

Peter J. Habighorst, Acting Deputy Director,
Office of International Programs.

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